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EUROPEAN PATENT APPLICATION

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(71) Applicant: MENTOR CORPORATION Santa Barbara, CA 93111 (US)

(72) Inventors:Brunstedt, Michael Irving, Texas 75061 (US) Purkalt, Bobby Montecito, California 93108 (US)

 Bhate, Anand Irving, Texas 75061 (US)

• Woo, Yi-Ren Flower Mound, Texas 75028 (US)

(74) Representative: Thomson, Paul Anthony
 Potts, Kerr & Co.
 15, Hamilton Square
 Birkenhead Merseyside L41 6BR (GB)

(54) Filling material for soft tissue implant prostheses and implants made therewith

(57) A new soft tissue implant filling material is disclosed. The material may be polyvinylpyrollidone, polyvinyl alcohol, hydroxypropylmethyl cellulose, polyethylene oxide, hyaluronic acid, sodium or calcium alginate,

hydrogel polyurethane, hydroxyethyl starch, polyglycolic acid, polyacrylamide, hydroxyethylmethacrylate (HE-MA), and several naturally derived biopolymers including sodium kinate, seaweed, and agar.



EUROPEAN SEARCH REPORT

Application Number

ategory	Citation of document with i	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL6)	
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EUROPEAN SEARCH REPORT

EP 96 30 0768

Category	Citation of document with of relevant p	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL6)	
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X : part Y : part	CATEGORY OF CITED DOCUME icularly relevant if taken slone icularly relevant if combined with an iment of the same category	E : earlier patent & after the filing	ocument, but publ date in the application	ished on, or

document of the same cat
A: technological background
O: non-written disclosure
P: intermediate document

[&]amp; : member of the same patent family, corresponding document



European Patent Office EP 96 30 0768 -B-

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patient application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions,

- Claims 1 (partially); 2-5,15-18 (completely):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of polyvinylpyrrolidon.
- 2. Claims 1(partially); 6-11,13 (completely): An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of hydroxypropylmethyl cellulose, hyaluronic acid, sodium or calcium alginate, hydroxyethyl starch and several naturally derived biopolymers including sodium kinate, seaweed and agar.
- Claims 1 (partially); 12 (completely):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of polyvinyl alcohol.
- Claims 1 (partially); 14 (completely):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of polyacrylamide.
- Claim 1 (partially):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of polyethylene oxide.
- 6. Claim 1 (partially): An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a get or viscous liquid consisting of hydroget polyurethane.
- 7. Claim 1 (partially):

 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of hydroxyethyl methacrylate (HEMA).



EUROPEAN SEARCH REPORT

Application Number EP 96 30 0768

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	THE HAGUE	6 September 1996	ESF	PINOSA, M
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